

1743

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of

SUGIYAMA et al

Serial No. 09/098,730

Filed: June 18, 1998

For: MULTILAYERED AIR-FUEL RATIO SENSOR



Atty. Ref.: 2635-61

Group: 1743

Examiner: T. Tung

\* \* \* \* \*

September 30, 2003

Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Sir:

RECEIVED  
 OCT 0 4 2003  
 GROUP 1700

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Supplemental to the Preliminary Remarks and Information Disclosure Statement filed August 19, 2003, attached hereto are translations of the two Japanese documents cited and discussed on page 4 of the August 19, 2003 Preliminary Remarks. It is noted that the herewith translations do not include the figures included in the Japanese language documents previously provided. It is therefore respectfully requested that these translations be considered with reference to the illustrations in the Japanese language documents. Full consideration of the listed documents is respectfully requested.

Should a first action on the merits have been issued on the same day or before this Information Disclosure Statement is filed, please accept this Information Disclosure Statement under Rule 97(c) and charge the requisite Rule 17(p) fee to our Deposit Account No. 14-1140, under Order No. 2635-61 and proceed to consider this Information Disclosure Statement.

This Information Disclosure Statement is intended to be in full compliance with the rules, but should the Examiner find any part of its required content to have been omitted, prompt notice to that effect is earnestly solicited, along with additional time under Rule 97(f), to enable Applicant to comply fully.

Consideration of the foregoing and enclosures plus the return of a copy of the herewith Form PTO-1449 with the Examiner's initials in the left column per MPEP 609 along with an early action on the merits of this application are earnestly solicited.

Respectfully submitted,

**NIXON & VANDERHYE P.C.**

By: 

Michelle N. Lester  
Reg. No. 32,331

MNL:slj  
1100 North Glebe Road, 8th Floor  
Arlington, VA 22201-4714  
Telephone: (703) 816-4000  
Facsimile: (703) 816-4100

## INFORMATION DISCLOSURE CITATION

ATTY. DOCKET NO.

2635-61

**APPLICANT**

SUGIYAMA et al

FILING DATE

June 18, 1998

SERIAL NO.

09/098,730

**GROUP**

1743



(Use several sheets if necessary)

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

|  |  |
|--|--|
|  | HAMANO ET AL; JOURNAL OF THE CERAMIC SOCIETY OF JAPAN; "SOME PROPERTIES AND SINTERABILITY OF HIGH PURITY ALUMINA FINE POWDERS (IN JAPANESE); VOL. 94 NO. 3; 1986 (TRANSLATION) |
|  | YOKOTA ET AL; JOURNAL OF THE CERAMIC SOCIETY OF JAPAN; "EFFECTS OF GROUND ALUMINA POWDER ON PLATELIKE GRAIN GROWTH (IN JAPANESE); VOL. 106, FEBRUARY 1998 (TRANSLATION)        |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

\*Examiner

Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.